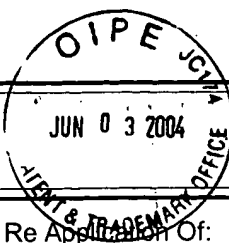


IPW



<b>TRANSMITTAL LETTER</b> (General - Patent Pending)	Docket No. <b>02560045PA</b>
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In Re Application Of: **Rappaport, et al.**

Serial No. <b>10/714,929</b>	Filing Date <b>11/18/03</b>	Examiner <b>unknown</b>	Group Art Unit <b>2123</b>
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Title: **System and Method for Automated Placement or Configuration of Equipment for Obtaining Desired Network Performance Objectives and for Security, RF Tags, and Bandwidth Provisioning.**


TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith is:

- IDS, PTO-1449 (2 pgs)**
- 8 references**
- Postcard**

in the above identified application.

- ☒ No additional fee is required.
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- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **50-2041** as described below.
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  - ☒ Charge any additional fee required.

  
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*Signature*

Dated: **June 3, 2004**

**Michael E. Whitham**  
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I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
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 <i>Typed or Printed Name of Person Mailing Correspondence</i>  

CC:



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

T. Rappaport, et al.

Serial No.: 10/714,929

Group Art Unit: 2123

Filed: 11/18/03

Examiner: not assigned

For: System and Method for Automated Placement or Configuration of Equipment for  
Obtaining Desired Network Performance Objectives and for Security, RF tags,  
and Bandwidth Provisioning

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Under the provisions of 37 C.F.R. 1.97 through 1.98 and pursuant to applicants' duty of disclosure under 37 C.F.R. 1.56, applicant respectfully bring the following document and listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. A copy of each of the listed documents is provided herewith for the convenience of the Examiner.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-2041.

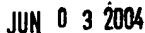
Respectfully submitted,

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703/787-9400

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Substitute for form 144B/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
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**Complete if Known**

Appln. No. 10/714,929  
Filed: 11/18/03  
Inventor(s): Rappaport, et al.  
Art Unit: 2123  
Examiner: unknown  
Attv. Ref: 02560045PA

[illegible][illegible]

### Data Considered

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Appl. No. 10/714,929

Filed: 11/28/03

Inventor(s): Rappaport, et al.

Art Unit: 2123

Examiner: unknown

Atty. Ref: 02560045PA

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	5	R.R. SKIDMORE ET AL, "Towards Integrated PSEs for Wireless Communications: Experiences with the S4W and SitePlanner Projects," MPRG-TR-95-08, Virginia Tech, July 1995.	
	6	J. HE, T.S. RAPPAPORT ET AL, "Global Optimization of Transmitter Placement in Wireless Communication Systems," WNCG-TR-10-07, U. Texas, October 2003.	
	7	J. CHEN, T.S. RAPPAPORT, "Cool Cloud Wireless LAN Design Guidelines and User Traffic Modeling for In-Store Use... (Part 1)," WNCG-TR-2003-11-01, U. Texas, November 2003.	
	8	CHEN NA, T.S. RAPPAPORT, "Cool Cloud Wireless LAN Design Guidelines and User Traffic Modeling for In-Store Use... (Part 2)," WNCG-TR-2003-11-02, November 2003.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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